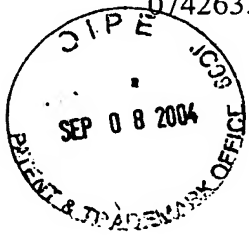


7-18-04
Attorney's Docket:
074263.0210 (SC-98-025 C3-A)

PATENT APPLICATION
10/766,228



1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shilin Chen
Serial No.: 10/766,228
Filing Date: January 26, 2003
Group Art Unit: 2128
Title: **FORCE-BALANCED ROLLER-CONE BITS, SYSTEMS,
DRILLING METHODS, AND DESIGN METHODS**

Mail Stop AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

**EXPRESS MAIL CERTIFICATE
NO.: EV 473960415 US**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name:

Willie Jiles
Willie Jiles

Date:

September 8, 2004

EV473960415US

INFORMATION DISCLOSURE STATEMENT

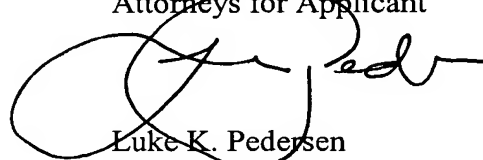
Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Since the present Application was filed after June 30, 2003, a copy of any U.S. Patent and any U.S. Patent Application Publication cited on the attached PTO Form 1449 is not being submitted with this Information Disclosure Statement pursuant to the July 11, 2003 waiver of 37 C.F.R. S 1.98(a)(2)(i) by the U.S. Patent and Trademark Office.

This Information Disclosure Statement is submitted before an Office Action on the merits, and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. However, if a fee is due, the Commissioner is authorized to charge such fee to Deposit Account No. **50-2148** of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicant



Luke K. Pedersen
Reg. No. 45,003

Date: 9/8/04

CORRESPONDENCE ADDRESS

Customer Number: **31625**
Attorney Docket No.: 074263.0210

PTO-1449

Application No.

10/766,228

Applicant(s)

Shilin Chen

Docket Number

074263.0210
(SC-98-025 C3-A)

Group Art Unit

2128

Filing Date

Jan. 26, 2004

Information Disclosure Citation
In an Application

SEP 08 2004

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B	1,263,802	04/23/1918	Reed	--	--	08/13/1917
C	1,394,769	10/25/1921	Sorensen	--	--	05/18/1920
D	4,056,153	11/01/1977	Miglierini	175	376	07/16/1976
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						YES	NO
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T	2367578 A	04/10/2002	GB	E 21 B	10/56	X	
U	2367579 A	04/10/2002	GB	E 21 B	10/56	X	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449 Information Disclosure Citation In an Application	Application No. 10/766,228		Applicant(s) Shilin Chen	
	Docket Number 074263.0210 (SC-98-025 C3-A)	Group Art Unit 2128	Filing Date Jan. 26, 2004	

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A	6,349,595	02/26/2002	Civolani et al	73	152.02	09/27/2000
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J	M.C. Sheppard, et al., "Forces at the Teeth of a Drilling Rollercone Bit: Theory and Experiment", Proceedings: 1988 SPE Annual Technical Conference and Exhibition; Houston, TX, USA, Oct. 2-5, 1988, Vol. Delta, 1988, pp 253-260 18042, XP002266080, Soc. Pet Eng AIME Pap SPE 1988 Publ by Soc of Petroleum Engineers of AIME, Richardson, TX, USA	
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Q	Energy Balanced Series Roller Cone Bits, www.halliburton.com/oil_gas/sd1380.jsp	
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S	F.A.S.T.™ Technology Brochure entitled "Tech Bits", Security/Dresser Industries, Sept. 17, 1993 (1 page)	

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U.S. PATENT AND TRADEMARK OFFICE

PTO-1449 Information Disclosure Citation In an Application	Application No. 10/766,228		Applicant(s) Shilin Chen	
	Docket Number 074263.0210 (SC-98-025 C3-A)	Group Art Unit 2128	Filing Date Jan. 26, 2004	

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						
B						
C						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
D							
E							
F							

	OTHER DOCUMENTS (Including Author, Title, Source, and Pertinent Pages)					DATE
G	Sii PLUS Brochure entitled "The PDC Plus Advantage", from Smith International (2 pages)					
H	Specification sheet entitled "SQAIR Quality Sub-Specification", Shell Internationale Petroleum Mij. B.V., The Hauge, The Netherlands, 1991 (2 Pages)					
I	Brochure entitled "FM2000 Series-Tomorrow's Technolgoies for Today's Drilling.", Security DBS, Dresser Industries, Inc., 1994 (Pages)					
J	Brochure entitled "FS2000 Series-New Steel Body Technology Advances PDC Bit Performance and Efficiency", Security DBS, Dresser Industries, Inc., 1997 (6 pages)					
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DAL01:816473.1